

The Future

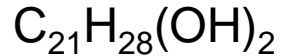
Of INDUSTRIAL HEMP is Now



What Do We Do?

We Extract CBD from Industrial HEMP...

Cannabidiol (CBD)



A naturally occurring cannabinoid that binds to receptors in cells that affect the body

Potential Benefits:

Inflammation

Pain

Anxiety

Psychosis

Seizures

Spasms

Arthritis

Diabetes

Alcoholism

Schizophrenia

PTSD

Depression

Antibiotic-resistance

Epilepsy

Anti-Cancer

Chronic Pain

MS

CBD Distillate



CBD Isolate



Company Overview

AG-EXTRACTS is a company focused on creating high quality agricultural extracted products from Industrial Hemp.

Our company extracts the essential oils from the plant and then distills those oils into a concentrated and purified absolute, particularly focused on extracting the cannabinoid CBD.

This healthy CBD can then be added to thousands of natural therapeutic products: from lotions, to salves, to balms, to tinctures, to capsules, to breath mints, to transdermal patches, to edibles, to cartridges, etc.

We only produce high quality and healthy raw CBD for our customers, ensuring that any brands we supply will become some of the safest and most respected in the world.

Company Overview

Our EXTRACTS:

1 are **NOT** derived from marijuana.

2 are **NOT** PSYCHO-ACTIVE.

3 **ARE** the core ingredients in new, and cutting age products.

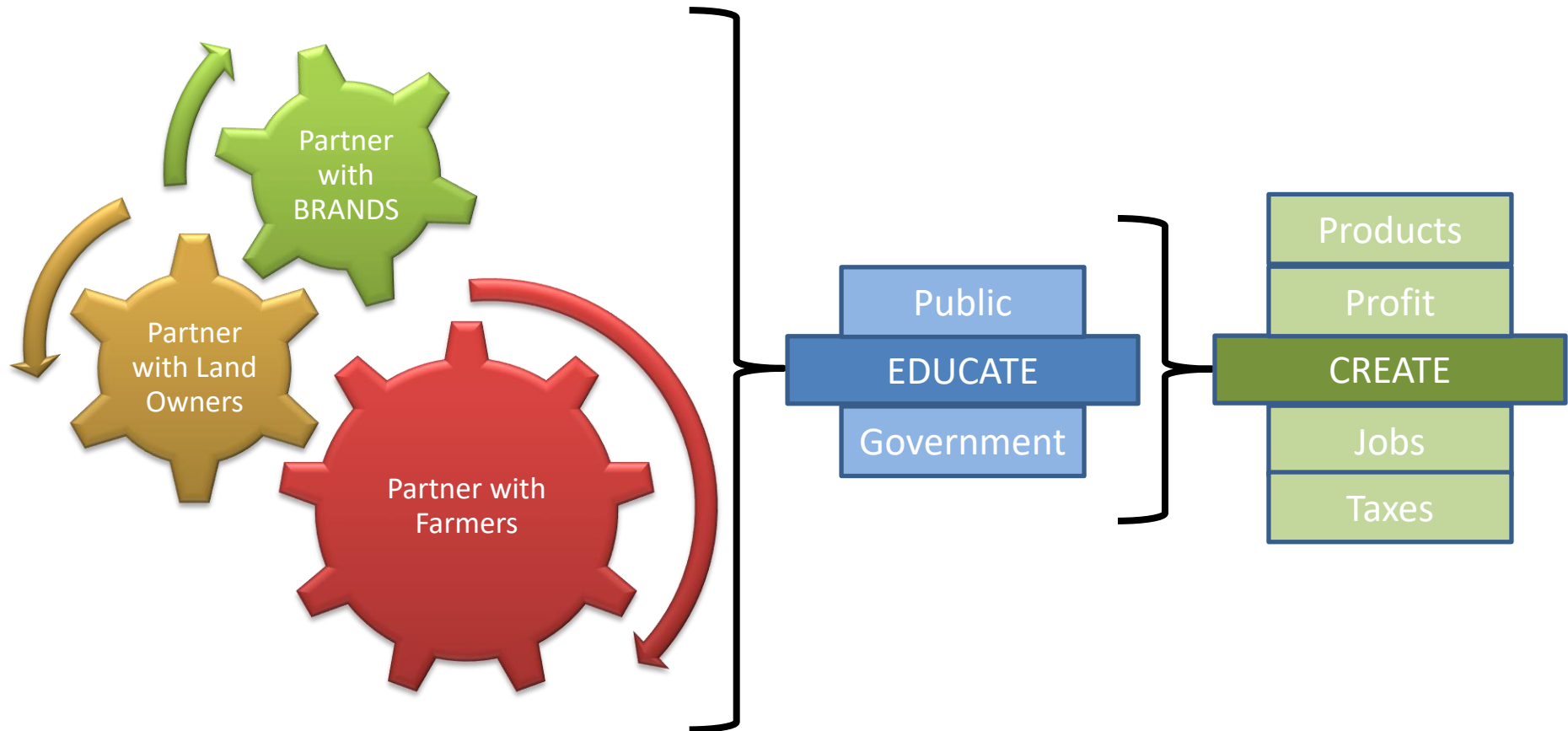
4 **ARE** from ALL NATURAL, LEGAL, and COMPLIANT plants in states where HEMP is allowed per the 2014 Farm Bill.

5 have been used for THOUSANDS OF YEARS.

6 have indications that they have MASSIVE HEALTH BENEFITS.

How Do We Do It ?

Process Diagram



How Are Our Products Made?

we extract the ESSENCE OF THE PLANT

--- Assist in cultivating the plant



--- industrial hemp crop;
cultivated like corn in mass

--- industrial hemp crop;
cultivated in rows individually



we extract the **ESSENCE OF THE PLANT**



--- Harvest the Biomass

--- industrial hemp crop biomass



we extract the **ESSENCE OF THE PLANT**



--- Extract the Crude Oil



--- Manufacturing Step 1:
CRUDE EXTRACTION

we extract the **ESSENCE OF THE PLANT**



--- Filter the Oil

--- Manufacturing Step 2:
FILTRATION



we extract the **ESSENCE OF THE PLANT**

--- Distill the Oil

--- Manufacturing Step 3:
DISTILLATION & ISOLATION



we extract the **ESSENCE OF THE PLANT**

A photograph showing a vast field of tall, green sorghum plants. A person is standing in the middle of the field, providing a sense of scale. The background shows a line of trees under a clear blue sky.



15

with over
50,000
different uses...

THE VERY USEFUL INDUSTRIAL HEMP

Hemp cultivation requires no chemicals, pesticides or herbicides.

with over
50,000
different uses...

HEMP SEEDS

HULLING

HEMP MEAT



HEMP SHELL



PRESSING / CRUSHING

HEMP OIL



HEMP CAKE



Hemp seeds contains nutritious, **Polyunsaturated Fatty Acids (PUFAs)** 80% the highest amount found within the plant kingdom. Highly nutritious of humans and animals.

Harvest

Intermediate processing

Further processing

HEMP
is a
RESOURCE

20 vs **4**
years for trees to mature | months for hemp

Hemp can yield 3-8 dry tons of fiber per acre, **FOUR** times what an average forest can yield.



Paper, fertilizers, soil nutrients and animal bedding can be made from leftover waste when processing hemp.

This means all parts of the plant are being used, or put back into the earth.

HEMP STALKS

DECORTICATING

HEMP FIBER



Hacking
PRIMARY
(line) Fiber

Hacking
SECONDARY

Scutching
TOW

Fabric
Insulation
Carpeting
Paneling

Cordage
Pulp
Recycling
Additive

Cordage
Bagging
Fiber Board



Anything made out of cotton, timber or petroleum can be made out of hemp

Hemp fiber is the **strongest** natural fiber in the world

HEMP HURDS



Scutching

Fiber board
Compost
Mortar
Paper filler
Absorbent bedding
Chemical feedstocks
- Plastics / Paint / Sealant



Hemp hurds can be cleanly converted into **Gasoline!**



Through a Heat Process called **PYROLYSIS** Hemp Biomass can also make Ethanol, Methanol & Methane Gas

What are the Specifics?

LAND OWNERS:

LEASE THE LAND

FARMERS:

GROW THE CROP

Process Specifics

FARMERS:

- 1 Crop Duration: 45 Days to 60 days to 90 days to 120 days
- 2 Crop Cycles: Depending on location: 2 – 4 crops per year
- 3 Crop Yield: 1,000 lbs. – 8,000 lbs. per acre
- 4 Crop Profit: Based on Potency:
Strains Could be 5% to 20% CBD

Payment Calculator: \$3.50 per 1% of CBD

- Flower: 10 – 13%
- Whole Plant: 7 – 9%
- Milled Product: 5%

MANUFACTURERS:

PURCHASE BIOMASS

within 1 Day Transport

EXTRACT THE ISOLATES

BRANDS:





PURCHASE THE PRODUCT

Why Is This Important to Georgia?

FARMERS BENEFIT:

- ENERGIZE FARMING INDUSTRY:
 - new & multiple products & PROFITABLE
- NOT RELIANT ON ONE PRODUCT:
 - Manufacturing to Textiles to Food to Health
- CROPS CURRENTLY IN DEMAND:
 - limited to no subsidy
- PROVIDE NEW CROP ROTATION:
 - soil & water benefit

Georgia Can Benefit ...

Jobs	Taxes	Competitive Standing	
		Other States	Global Market
			
Exciting New Industry is attracting TALENT	As the Industry develops, businesses are started and grow, and people are employed inside this industry, the TAX base will GROW	This Industry Exists, This Industry is Growing, This Industry is multi-billion \$\$\$...	
Farming Manufacturing Distribution Retail Packaging Marketing Legal Compliance Etc. Etc. Etc.	Large Demand Profitable Products	Georgia Could Be: Leader in US Legal in ALL Neighbors Capitalize on their crops	Georgia Could: Utilize Port of Savannah Connect with World Provide New Global Jobs

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